

Tuesday, March 18, 1997
POSTER SESSION I
6:30 p.m. LPI

GALILEO MISSION RESULTS

Russell C. T. Bagenal F. Cheng A. F. Ip W-H. Roux A. Smyth W. H.
Io's Interaction with the Jovian Magnetosphere

James M. R.
Possible Effects of Electrically Charged Particles in Io's Volcanic Plumes

McEwen A. S. Spencer J. R. Simonelli D. Johnson T. Belton M. Keszthelyi L. Galileo SSI Team
Io Plume Observations with Galileo and HST

Leone G. Wilson L.
Magma Densities, Magma Reservoirs, and Volcanic Eruption Styles on Io.

Matson D. L.* Blaney D. L. Johnson T. V. Veeder G. J.
Galileo's View of Io

Matson D. Ocampo A. Smythe W. Carlson R. NIMS Team Hendrix A. R. Barth C. A. Hord C. W. Lane A. L. UVS Team
Galileo's Europa Polar Region Observations by the Near Infrared Mapping Spectrometer (NIMS) and the Ultraviolet Spectrometer (UVS)

Merline W. J. Chapman C. R. Bierhaus B. Keller J. Brooks S. McEwen A. Sullivan R. Greeley R. Bender K. Carr M. Pilcher C.
Europa's Craters and Pits: Preliminary Insights from the First Orbits of Galileo

Greeley R. Sullivan R. Bender K. C. Homan K. S. Fagents S. A. Pappalardo R. T. Head J. W. Galileo SSI Team
Europa Triple Bands: Galileo Images

Fagents S. A. Greeley R. Galileo SSI team
Explosive Venting on Europa? A Preliminary Assessment

Tufts B. R. Greenberg R. Sullivan R. Pappalardo R.
Reconstruction of Europen Terrain in the Galileo C3 "Wedges" Image and Its Geological Implications

Phillips C. B. McEwen A. S. Geissler P. E. Greeley R. Sullivan R. Pappalardo R. Galileo SSI Team
New Mosaics of Europa and Mapping of Endogenic Units

Geissler P. E. McEwen A. S. Simonelli D. P. Lopes-Gautier R. Davies A. G. Granahan J. Denk T. Galileo Imaging Team
Global Color Variations on Io

Hoppa G. V. Greenberg R. Geissler P. Plassmann J. Tufts B. R. Galileo Imaging Team
Rotation of Europa: Constraints from Terminator Positions

Moore J. M. Bender K. C. Sullivan R. J. Greeley R. McEwen A. S. Tufts B. R. Head J. W. III Pappalardo R. T. Belton M. J. S. Galileo SSI Team
Europen Macula: Possible Origins

Thomas C.

Is Tyre Macula an Ice Cauldron?

Pappalardo R. T. Head J. W. Greeley R. Sullivan R. J. Carr M. H. Tufts B. R. Galileo SSI Team
Ganymede vs. Europa: Comparisons of Sulci at the Regional Scale

Pappalardo R. T. Head J. W. Collins G. C. Greeley R. Galileo SSI Team
Ganymede Grooved Terrain at the Local Scale: Results from Galileo

Senske D. A. Head J. W. Pappalardo R. Collins G. Greeley R. Magee K. Neukum G. Chapman C. Galileo Imaging Team
Stratigraphy of Uruk Sulcus as Revealed by High-Resolution Galileo Images

Collins G. C. Head J. W. Pappalardo R. T. Galileo Imaging Team
A Necking Origin for Ganymede Long Wavelength Grooved Terrain Topography: Insights from Galileo Observations at Uruk Sulcus

Yingst R. A. Head J. W. Moore J. M. Chapman C. R. Pappalardo R. Galileo Imaging Team
Ganymede Bright Terrain at Very High Resolution: Geologic Structure and Regolith Processes

Prockter L. Head J. W. Pappalardo R. Greeley R. Senske D. Moore J. Denk T. Galileo Imaging Team
The Distribution and Origin of Dark Material in Galileo Regio, Ganymede: New Evidence from Geological Relationships Seen in the Galileo Data

Jones K. B. Head J. W. Chapman C. R. Greeley R. Moore J. M. Neukum G. Pappalardo R. T. Galileo SSI Team
Morphology of Palimpsests on Ganymede from Galileo Observations

Weitz C. M. Head J. W. III Pappalardo R. Neukum G. Giese B. Oberst J. Cook A. Schreiner B. Greeley R. Helfenstein P. Chapman C. Galileo SSI Team
Galileo Observations of Ganymede Impact Crater Morphology

Yamagishi Y. Kurita K.
Possibility of a Molten Layer in Ganymede

Hendrix A. R. Barth C. A. Lane A. L. Hord C. W. Stewart A. I. F. Simmons K. E. McClintock W. E. Ajello J. M. Naviaux K. L. Aiello J. J. Tobiska W. K. Stephens S. K.
Variations in Brightness over Callisto's Surface as Measured by the Galileo Ultraviolet Spectrometer

McCord T. B. Bender K. C. Hansen G. B. Hibbitts C. A. Granahan J. Segura M. Carlson R. W. Smythe W. Greeley R. Geissler P. Belton M. J. S. Galileo NIMS Team Galileo SSI Team
A First Analysis of Callisto Using Galileo NIMS and SSI Measurements

Segura M. Bender K. Granahan J. McCord T. Greeley R. Carlson R. Belton M.
Galileo NIMS and SSI Collaborative Observations at Callisto

Smythe W. D. Mehlman R. Leader F. Kamp L. W. Carlson R. W. Shirley J. Galileo NIMS Team
Effects of the Jovian Radiation Environment on the Galileo NIMS Instrument

Thomas P. C. Simonelli D. Burns J. Davies M. E. McEwen A. S. Belton M. J. S. Galileo SSI Team
Shapes and Topography of Galilean Satellites from Galileo SSI Limb Coordinates

Davies M. E. Colvin T. R. Thomas P. Veverka J. Belton M. J. S. Oberst J. Zeitler W. Neukum G.
Control Networks of the Galilean Satellites: Solutions for Size and Shape